



031704

20427

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.	057723.000015
	First Inventor	ROBERT M. MCMILLAN
	Title	High Accuracy Measuring And Control Of Low Fluid Flow Rates
	Express Mail Label No.	EV 342 458 285US

ADDRESS TO: Commissioner for Patents  
Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-1450

22390 U.S. PTO  
10/803149

031704

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form PTO/SB/17 (in duplicate)
2. ☒ Applicant claims small entity status. See 37 CFR 1.27.
3. ☒ Specification [Total Pages 27]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to a sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 9]
5. ☒ Oath or Declaration
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 19 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

7. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:  
CD-ROM or CD-R (2 copies); orii. ☐ paper

**ACCOMPANYING APPLICATION PARTS**

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)
10. ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449  
Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i).  
Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

19. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No. 10/156,402

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**20. CORRESPONDENCE ADDRESS**

Direct all correspondence to: **008176** Customer Number or Bar Code Label: 008176

Firm Name	BRACEWELL & PATTERSON, L.L.P.				
Address	Attention: Albert B. Kimball, Jr.				
Address	P.O. Box 61389				
City	Houston	State	Texas	ZIP	77208-1389
Country	United States	Telephone	(713) 223-2900	Fax	(713) 221-1212
Name: Print/Type	Albert B. Kimball, Jr.		Registration No.	25,689	
Signature			Date	March 17, 2004	

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**Complete if Known**

Application Number	UNASSIGNED
Filing Date	CONCURRENTLY HEREWITH
First Named Inventor	ROBERT M. MCMILLAN
Examiner Name	UNASSIGNED
Art Unit	UNASSIGNED
Attorney Docket No.	057723.000015

**TOTAL AMOUNT OF PAYMENT (\$)** 443.00**METHOD OF PAYMENT** (check all that apply)

- ☒ Check Enclosed
- ☒ The Director is authorized to charge fee(s) indicated below, charge any additional fee(s) or any underpayment of fees, and credit any overpayments to:

DEPOSIT ACCOUNT NO.: 50-0259 (057723.000015)

Deposit Account Name:

Bracewell &amp; Patterson, L.L.P.

**FEE CALCULATION** (continued)

3. Additional Fees					
Large Fee Code	Large Entity Fee (\$)	Small Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	\$ 130	2051	\$ 65	Surcharge - late filing fee or oath	\$
1052	\$ 50	2052	\$ - 25	Surcharge - late provisional filing fee or cover sheet	\$
1053	\$ 130	1053	\$ 130	Non-English specification	\$
1812	\$2,520	1812	\$2,520	For filing a request for <i>ex parte</i> reexamination	\$
1804	\$ 920*	1804	\$ 920*	Requesting publication of SIR prior to Examiner action	\$
1805	\$1,840*	1805	\$1,840*	Requesting publication of SIR after Examiner action	\$
1251	\$ 110	2251	\$ 55	Extension for reply within first month	\$
1252	\$ 420	2252	\$ 210	Extension for reply within second month	\$
1253	\$ 950	2253	\$ 475	Extension for reply within third month	\$
1254	\$1,480	2254	\$ 740	Extension for reply within fourth month	\$
1255	\$2,010	2255	\$1,005	Extension for reply within fifth month	\$
1401	\$ 330	2401	\$ 165	Notice of Appeal	\$
1402	\$ 330	2402	\$ 165	Filing a brief in support of an appeal	\$
1403	\$ 290	2403	\$ 145	Request for oral hearing	\$
1451	\$1,510	1451	\$1,510	Petition to institute a public use proceeding	\$
1452	\$ 110	2452	\$ 55	Petition to revive - unavoidable	\$
1453	\$1,330	2453	\$ 665	Petition to revive - unintentional	\$
1501	\$1,330	2501	\$ 665	Utility issue fee (or reissue)	\$
1502	\$ 480	2502	\$ 240	Design issue fee	\$
1503	\$ 640	2503	\$ 320	Plant issue fee	\$
1460	\$ 130	1460	\$ 130	Petitions to the Commissioner	\$
1807	\$ 50	1807	\$ 50	Processing fee under 37 CFR 1.17(g)	\$
1806	\$ 180	1806	\$ 180	Submission of Information Disclosure Statement	\$
8021	\$ 40	8021	\$ 40	Recording each patent assignment per property (times number of properties)	\$ 40.00
1809	\$ 770	2809	\$ 385	Filing a submission after final rejection (37 CFR 1.129(a))	\$
1810	\$ 770	2810	\$ 385	For each additional invention to be examined (37 CFR 1.129(b))	\$
1801	\$ 770	2801	\$ 385	Request for Continued Examination (RCE)	\$
1802	\$ 900	1802	\$ 900	Request for expedited examination of a design application	\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$
*Reduced by Basic Filing Fee Paid					
<b>Subtotal (3)</b>					\$ 40.00

**FEE CALCULATION****1. Basic Filing Fee**

Large Fee Code	Large Entity Fee (\$)	Small Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1001	\$770	2001	\$385	Utility Filing Fee	\$ 385.00
1002	\$340	2002	\$170	Design Filing Fee	\$
1003	\$530	2003	\$265	Plant Filing Fee	\$
1004	\$770	2004	\$385	Reissue Filing Fee	\$
1005	\$160	2005	\$ 80	Provisional Filing Fee	\$
<b>Subtotal (1)</b>					\$ 385.00

**2. Extra Claim Fees for Utility and Reissue**

Claims		Extra		Fee (below)	Fee Paid	
Total	22 -20** =	2	x	\$ 18.00	=	\$ 18.00
Indep.	3- 3** =	0	x	\$	=	\$
Multiple Dependent						\$

\*\*or number previously paid, if greater  
For Reissues, see below

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
\$ 18	\$ 9	Claims in excess of 20
\$ 86	\$ 43	Independent claims in excess of 3
\$290	\$145	Multiple dependent claim, if not paid
\$ 86	\$ 43	**Reissue independent claims over original patent
\$ 18	\$ 9	**Reissue claims in excess of 20 and over original patent

**Subtotal (2)** \$ 18.00

SUBMITTED BY

Albert B. Kimball, Jr., Reg. No. 25,689

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Date: March 17, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICANTS:

ROBERT M. MCMILLAN  
ROLAND RAU

SERIAL NO.: UNASSIGNED

FILED: CONCURRENTLY HERewith

FOR: HIGH ACCURACY MEASURING  
AND CONTROL OF LOW FLUID  
FLOW RATES

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Attorney Docket No. 057723.000015

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

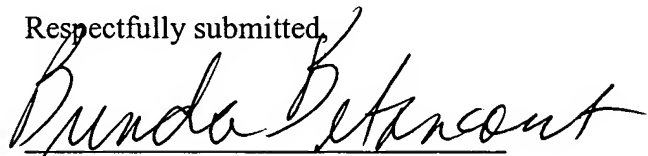
Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that the following documents, which are attached, are being deposited, under 37 C.F.R. § 1.10, with the United States Postal Service "Express Mail Post Office to Addressee" service as Express Mail No. EV 342 458 285 US in an envelope addressed to: Commissioner of Patents and Trademarks, **MAIL STOP PATENT APPLICATION**, Alexandria, VA 22313-1450 on this 17th day of March, 2004:

1. Utility Patent Application Transmittal;
2. Fee Transmittal (in duplicate);
3. Patent Application;
4. Nine (9) Sheets of Drawings;
5. Declaration and Power of Attorney for Patent Application;
6. \$403.00 check for filing fee;
7. Assignment; Assignment Transmittal Sheet;
8. Check in the amount of \$40.00 for assignment recordal fee; and
9. Return Postcard.

Respectfully submitted,

  
Brenda Betancourt

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